

2001 IEEE GaAs IC symposium

Chips for Global Communication & Networking in the New Millenium

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21-24 October 2001
Renaissance Harborplace Hotel, 202 East Pratt Street,
Baltimore, MD 21202, USA, Tel: +1-410-547-1200

The 23rd annual IEEE GaAs IC Symposium this year will focus on circuits and technology for: Wireless and broadband communications; Very high-speed optical communications; Highly efficient, linear, power amplifiers; Optoelectronics

for optical interconnect; and Millimetre-wave systems.

As well as the traditional focus of III-V electron devices, the scope continues to widen, this year including VCSELs, MEMS, SiGe and CMOS technology (see conference programme below).

Exhibition (22-23 October) - List of exhibitors

Advanced Ceramics Corp
Agilent Technologies
Accent Optical Technologies
AIXTRON Inc
AXT Inc
Ansoft Corp
Anritsu Company
Applied Epi
Applied Wave Research Inc
ATMI Epitaxial Services
CHA Industries
Compound Semiconductor
EMCORE Corp

Epitaxial Technologies LLC
Freiberger Compound Materials USA Inc
Global Communication Semiconductors Inc
Global Communication Technology Corp
Hitachi Cable America Inc
III-Vs Review
Intelligent Epitaxy Technology Inc
Kopin Corp
Leighton Electronics Inc
M/A-COM
Maxwell Electronic Components
MBE Technology USA Inc
Micromanipulator Co Inc (The)

Picogiga Inc
RIBER
Silvaco International
SPECTROLAB
Sonnet Software Inc
Stratedge Corp
Sumitomo Electric
Suntek Compound Semiconductor Co Ltd
Tegal Corp
Thermo VG Semicon
Veeco Instruments Inc
Wafer Technology Ltd
WIN Semiconductor Corp

Conference programme for GaAs IC Symposium (21-24 October)

Saturday 20 October

18.00-20.00 REGISTRATION (Short Course & Primer Course only: Maryland Foyer)

Sunday 21 October

07.00-08.00 REGISTRATION (Short Course & Primer Course only: Maryland Foyer)

08.00-16.45 SHORT COURSE: "Optical Fiber Systems" (Maryland Salon A)

08.00-17.00 GaAs Reliability Workshop (TBD)

17.00-20.00 REGISTRATION for Symposium (and Primer Course until 17.30: Maryland Foyer)

17.30-21.00 PRIMER COURSE: "Basics of GaAs ICs" (Maryland Salon A)

17.00-20.00 Symposium Opening Reception

Monday 22 October

07.00-17.00 REGISTRATION (Maryland Foyer)

08.00-08.30 SYMPOSIUM OPENING (Baltimore Ballroom)

08.30-11.30 SESSION A: Plenary Session (Baltimore Ballroom)

13.00-14.30 PANEL SESSION 1: So What's Your Technology Good For? (Baltimore Ballroom)

13.00-14.30 PANEL SESSION 2: CAD Shootout (Maryland Salons A & E)

15.00-16.50 SESSION B: Wireless Transceiver Technologies (Baltimore Ballroom)

15.00-16.40 SESSION C: Single & Multi-Channel Opto-Electronics (Maryland Salons A & E)

17.00-19.00 GaAs IC Technology Exhibition Opening Reception (Maryland Salons B, C, D, & F)

Tuesday 23 October

07.30-16.00 GaAs IC TECHNOLOGY EXHIBITION (Maryland Salons B, C, D, & F)

08.30-10.00 SESSION D: HBT Amplifiers (Baltimore Ballroom)

08.30-10.00 SESSION E: Physical Layer ICs For 10 & 40 Gb/s Optical Communications (Maryland Salons A & E)

10.30-12.00 SESSION F: Power Amplifier Applications (Maryland Salons A & E)

10.30-12.00 SESSION G: Transceiver Components For 10 & 40 Gb/s Optical Communications (Baltimore Ballroom)

13.30-15.00 VENDOR PRODUCT FORUM: Wireless' Latest and Greatest (Maryland Salons B, C, D, & F)

13.30-15.00 PANEL SESSION 3: 40 Gb/s ICs (Baltimore Ballroom)

15.30-17.00 SESSION H: Next Generation RF Technologies (Baltimore Ballroom)

15.30-17.00 SESSION I: Device Modelling & Reliability (Maryland Salons A & E)

18.00-22.00 Symposium Party (Maryland Science Center)

Wednesday 24 October

08.30-10.00 SESSION J: HBT Technologies (Maryland Salons A & E)

08.40-10.00 SESSION K: Power Amplifier Techniques (Baltimore Ballroom)

10.30-11.50 SESSION L: Packaging & Technology (Baltimore Ballroom)

10.30-11.30 SESSION M: Low Noise FET Technology (Maryland Salons A & E)

13.00-14.30 PANEL SESSION 4: OEIC: Reality or Laboratory Curiosity? (Baltimore Ballroom)

13.00-14.30 PANEL SESSION 5: High Voltage, High Power PAs (Maryland Salons A & E)

15.00-16.40 SESSION N: Enabling Technologies For 40 Gb/s Optical Communications (Baltimore Ballroom)

15.00-17.00 SESSION O: Late News Papers (Maryland Salons A & E)